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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Application Number	10/802,894
	Filing Date	3/16/2004
	First Named Inventor:	Farhood Moraveji
	Examiner: <i>To N</i>	GROUP: <i>2816</i>
Sheet 1 of 4	Attorney Docket Number	MIC-00004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cited No. ¹	Document Number Number - Kind Code ^{2(f)(known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
MT	A01	US-6,693,457 B2	02/2004	Yepp	326/62
MT	A02	US-6,664,609 B2	12/2003	Ito et al.	257/566
MT	A03	US-6,643,324 B1	11/2003	Gasparik	375/229
MT	A04	US-6,624,697 B2	09/2003	Taylor	330/258
MT	A05	US-6,618,305 B2	09/2003	Ernst et al.	365/201
MT	A06	US-6,563,377 B2	05/2003	Butler	330/110
MT	A07	US-6,545,502 B1	04/2003	Dasgupta et al.	326/21
MT	A08	US-6,411,151 B1	06/2002	Nair et al.	327/291
MT	A09	US-6,392,486 B1	05/2002	Lemay, Jr.	330/253
MT	A10	US-6,292,116 B1	09/2001	Wang et al.	341/100
MT	A11	US-6,177,832 B1	01/2001	Durec et al.	327/563
MT	A12	US-6,175,885 B1	01/2001	Marbot et al.	710/71
MT	A13	US-6,160,578	12/2000	Carroll et al.	348/222.1

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Cntry Code ³ Number ⁴ Kind Code ⁵ (f/known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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MT	A14	US-6,061,702		05/2000	Hoffman	<i>class / sub</i> 708 / 251	
MT	A15	US-5,945,883		08/1999	Nagasawa et al.	331 / 57	
MT	A16	US-5,764,110		06/1998	Ishibashi	331 / 57	
MT	A17	US-5,734,298		03/1998	Nagaya et al.	330 / 253	
MT	A18	US-5,708,391		01/1998	Altmann et al.	330 / 252	
MT	A19	US-5,648,743		07/1997	Nagaya et al.	330 / 252	
MT	A20	US-5,638,030		06/1997	Du	334 / 579 -	
MT	A21	US-5,608,328		03/1997	Sanderson	324 / 529	
MT	A22	US-5,568,099		10/1996	Du	331 / 57	
MT	A23	US-5,550,513		08/1996	Wong	330 / 286	
MT	A24	US-5,485,433		01/1996	Satomura et al.	369 / 13.02	
MT	A25	US-5,426,542		06/1995	Smith	360 / 67	
MT	A26	US-5,357,209		10/1994	Mader et al.	336 / 252	
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶
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U.S. PATENT DOCUMENTS

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MT	A27	US-5,349,644	09/1994	Massey et al.	<i>class / sub - 706 / 110</i>
MT	A28	US-5,283,514	02/1994	Hayward et al.	<i>323 / 280</i>
MT	A29	US-5,220,164	06/1993	Lieber et al.	<i>250 / 214 VT</i>
MT	A30	US-5,148,119	09/1992	Wright et al.	<i>330 / 259</i>
MT	A31	US-5,025,456	06/1991	Ota et al.	<i>375 / 318</i>
MT	A32	US-4,942,399	07/1990	Buchholtz et al.	<i>341 / 143</i>
MT	A33	US-4,847,831	07/1989	Spiesman et al.	<i>370 / 501</i>
MT	A34	US-4,825,173	04/1989	Cornett	<i>330 / 252</i>
MT	A35	US-4,769,616	09/1988	Barbu	<i>330 / 252</i>
MT	A36	US-4,698,842	10/1987	Mackie et al.	<i>381 / 1</i>
MT	A37	US-4,638,258	01/1987	Crooks	<i>330 / 149</i>
MT	A38	US-4,528,515	07/1985	Gross	<i>330 / 254</i>
MT	A39	US-4,517,523	05/1985	Miles	<i>330 / 126</i>

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Cntry Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶

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MT	A40	US-4,482,866	11/1984	Crooks	<i>330/149</i>
MT	A41	US-4,331,157	05/1982	Keller, Jr. et al.	<i>600/509</i>
MT	A42	US-4,274,039	06/1981	Glassey et al.	<i>318/678</i>
MT	A43	US-4,206,316	06/1980	Burnsweig et al.	<i>178/66.1</i>
MT	A44	US-4,065,724	12/1977	Wicklund, Jr.	<i>330/252</i>
MT	A45	US-4,024,462	05/1977	Highnote et al.	<i>330/259</i>
MT	A46	US-4,015,117	03/1977	Wicklund, Jr.	<i>250/559.29</i>
MT	A47	US-3,982,826	09/1976	Saito	<i>352/14</i>
MT	A48	US-3,982,233	09/1976	Crookshanks	<i>365/130</i>
MT	A49	US-3,947,779	03/1976	Reinhard	<i>336/10</i>

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Cntry Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶

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